

Climatological Data for November, 1910.
DISTRICT No. 2, SOUTH ATLANTIC AND EAST GULF STATES.

CHARLES F. VON HERMANN, District Editor.

GENERAL SUMMARY.

Throughout most of the South Atlantic and east Gulf States November, 1910, was cold and dry, but very pleasant for outdoor work and favorable for the harvesting of crops. The temperature for the district averaged nearly 3° below the normal; at several places the departure exceeded 6° , the greatest deficiency at any regular Weather Bureau station being 6.4° at Richmond, Va. Extremely dry weather prevailed in many sections, especially in northern Georgia, northwestern South Carolina, and western Virginia, where rivers and creeks at the close of the month were very low and the ground dry and dusty. In Alabama the least precipitation occurred in the Coosa and upper Black Warrior watersheds. In the region between Rome and Augusta, Ga., the monthly rainfall was the smallest on record for November in 20 years at all points, and the Chattahoochee River was so low that there was a scarcity of water for the use of hydroelectric power plants. The snowfall was unusually small.

At the beginning of the month an area of high atmospheric pressure existed over the district, and the highest pressure for the month occurred at all points on the 1st, the maximum being 30.37 inches at Lynchburg, Va. The only disturbance that passed directly over the section was the moderate storm that crossed the southern portion of the Gulf States on the 18th to 20th. This depression was first observed near Mobile, Ala., on the morning of the 18th; on the morning of the 19th it extended as an ill-defined barometric depression from Mobile to Jacksonville, and by the 20th it had moved to the southeastern portion of the Florida Peninsula. It was accompanied by general rains in the southern portion of the district with large amounts at a few points in southern Georgia and northwestern Florida. The lowest pressure for the month, however, occurred at all points on the 28th during the passage of a marked area of low atmospheric pressure from Kansas on the 27th, over the Ohio Valley on the 28th, to New England near the end of the month. The lowest pressure registered was 29.47 inches at Hatteras, N. C., giving a range for the month of 0.90 inch. It is noteworthy that for a long period, namely from the 7th to 18th, the pressure remained very low over Nova Scotia.

North to northwest winds prevailed during the month with moderate wind movement. The number of clear days was large and amount of sunshine abundant. Killing frosts occurred throughout the district on many dates, in northern Florida chiefly on the 5th, 7th, 8th, 29th, and 30th. A few thunderstorms occurred, the largest number being reported in Alabama on the 27th.

TEMPERATURE.

The temperature was below normal over the entire district; the deficiency, however, was less than 2° over a large portion of western Florida, southwestern Georgia, and the southern half of Alabama and Mississippi, but it increased to over 4° in southeastern Florida and to over 6° in the northeastern portion of the Virginia area. The mean temperature for the entire district was 51.4° , and the deficiency 2.8° . The lowest state averages and the greatest deficiencies occurred in Virginia and North Carolina. The lowest state mean was 42.7° for Virginia, the highest 61.1° for Florida.

The month was characterized by the lack of uniformity in the occurrence of the alternate periods of moderately cold and moderately warm weather, the highest temperatures, for instance, occurring in various States on the 2d, 9th, 10th, 14th, or 15th, and the lowest on the 4th, 7th, 13th, 21st,

23d, or 30th. As a rule, however, with one exception the periods during which the temperature was above normal were of short duration, and centered chiefly about the 1st and 2d, 9th and 10th, and 24th to 28th. The longest cold periods extended from the 3d to 8th, and from the 15th to the 23d.

The highest monthly mean was 70.4° at Key West, Fla., the only place having a November mean above 70° . Monthly mean temperatures exceeding 60 occurred at 32 places in Florida, but in no other State in the district. The lowest monthly mean was 35.0° at Hot Springs, Va. The highest temperature reported was 89° on the 2d at Orange City, Fla., and the lowest 16° at Hot Springs, Va., on the 23d.

PRECIPITATION.

Under normal conditions November is the driest month of the year in every portion of the district, no State receiving, on the average, as much as 3 inches of rain. Any marked deficiency for the month, therefore, means a more or less serious drought; wells and small creeks may fail, large rivers attain the minimum stage of flow and at times there may be an actual scarcity of water. These conditions were accentuated during the current month, especially in the northern portions of the district. The average rainfall for the district determined from the records of all stations was 1.63 inch and the deficiency 1.09 inch. The monthly precipitation was less than 1 inch at 156 out of a total of 341 stations, and was greater than 3 inches at 43 stations. The state average was smallest for North Carolina, namely, 0.71 inch, with a deficiency of 2.01 inches, and was greatest for Mississippi, average 2.53 inches, with a deficiency of 0.98 inch. The current month was drier than any November during the past 20 years in northern Georgia and northwestern South Carolina. A smaller monthly rainfall than for November, 1910, has occurred in November at Rome, Ga., but four times in 55 years; at Atlanta but twice in 45 years. In Florida the precipitation averaged lower than for any November since 1891, except November, 1901.

The rainfall exceeded 4 inches in two small regions comprising the central portion of the Mississippi area, and in extreme southwestern Georgia and adjoining portions of Florida. Throughout the remainder of the district the rainfall was under 3 inches and was fairly well distributed.

The rainfall occurred in fairly distinct periods, centering about the 3d, 6th, 10th, 16th to 20th, and 27th to 29th. The rains of the 18th to 20th were general, except in North Carolina and Virginia, with large amounts at a few stations, Thomasville, Ga., receiving 4.17 inches on the 18th and 19th, and Apalachicola, Fla., 2.52 on the 19th. The rains of the 27th and 28th were more general, but smaller in amount. A number of stations reported thunderstorms on the 27th, especially in Alabama.

The greatest monthly rainfall for the district was 5.57 inches at Laurel, Miss., closely followed by Thomasville, Ga., with 5.27 and Thomasville, Ala., with 4.92 inches. No rain occurred during the month at Chapells, S. C. The average number of days with rain was 4 or 5. Traces of snow fell in northern Alabama, at one station in North Carolina, and at a few in Virginia. The only measurable snowfall reported was 0.2 inch (unmelted) at Newport News, Va.

RIVER CONDITIONS.

The rivers throughout the district remained at very low stages during the entire month. At nearly all points the mean stages for the month were much below the normal

flow. This was the case at nearly every river station in Georgia, as well as at many stations in other States. For example, at Alaga, Ala., on the Chattahoochee River, the normal stage for November is 3.9 feet, mean for the current month 1.5 feet; at Eufaula the normal stage is 2.5 feet, mean for November, 1910, 0.5 foot. Under these conditions all the rivers maintained a very uniform flow, the differences between the highest and lowest stages rarely reaching as much as 1 foot. At many points the water did not flow over the dams of the various hydroelectric companies, and in some cases auxiliary steam power had to be used.

MISCELLANEOUS PHENOMENA.

The prevailing winds during the month were from the northwest, and the wind movement not as large as usual for November. The average hourly movement exceeded 10 miles an hour only at Hatteras, average hourly movement 15.7 miles; at Atlanta, 14.2 miles; at Savannah, 12.6 miles; and at Pensacola, 11.9 miles. Wind velocities exceeding 40 miles an hour occurred at but two points, Hatteras reporting 42 miles from the north on the 4th, and Pensacola 58 miles from the south on the 28th. The average number of clear days was 18, ranging from 13 in Mississippi to 21 in Florida and North Carolina; the average number of partly cloudy days was 6, and of cloudy days 6.

Local storms.—A severe thunderstorm occurred at Roanoke Rapids, near Weldon, N. C., on November 14 at about 6 p. m. A single brilliant flash of lightning from a sky only partly cloudy struck the Baptist Church, demolishing the entire front, and was conducted into twelve residences by telephone and electric-light wires, doing more or less damage to each house. A boy in the church was killed, and several people on the streets were stunned by the flash.

THE WATERPOWER RESOURCES OF GEORGIA.

By CHARLES F. VON HERRMANN, District Editor.

The utilization of the force of gravity through the medium of falling water and its conversion into electric energy for convenient distribution over adjacent territory furnishes the cheapest form of energy known to man. It is not surprising then that hydroelectric power is supplanting steam in many portions of the country and that the rapid industrial development of a community is becoming more and more dependent upon the available waterpower.

Although the use of waterpower in Georgia on a somewhat large scale began with the building of the dam at the head of the Augusta Canal in 1845, it is probable that at present but a tenth part of the possible power at the minimum flow of its rivers is utilized. Mr. George M. Chapin, of Atlanta, in an article in *The World's Work* for September, 1910, estimated the possible waterpower of Georgia at almost 500,000 horsepower. His table is reproduced here:

The horsepower of the six great basins of Georgia.

Name of basin.	Minimum horsepower.	Minimum horsepower for 6 high-water months.
Savannah.....	175,462	260,184
Ogeechee.....	3,895	8,730
Altamaha.....	47,088	78,272
Apalachicola.....	173,786	281,550
Mobile.....	57,524	95,804
Tennessee.....	33,895	65,333
Total.....	491,650	799,573

The rivers of Georgia can be depended on to supply easily nearly 500,000 horsepower at normal river stages, while

during the six months of greatest average flow this rises to nearly 800,000 horsepower. The construction of water-storage reservoirs and the use of auxiliary steampower during periods of drought increases the possibilities considerably.

The rivers of Georgia nearly all rise within or close to the boundaries of the State, and the most important have their sources near the northeast corner; they form nine distinct drainage basins, which discharge into the Atlantic Ocean and the Gulf of Mexico. Five of these basins have that portion of their territory containing the chief available water powers between the "fall lines," the southern of which extends from Augusta through Milledgeville and Macon to Columbus, and the western, which passes through Polk, Bartow, Gordon, and Murray Counties in the northwestern part of the State.

The dividing line between the waters entering the Atlantic Ocean and those flowing into the Gulf of Mexico is formed by the Chattahoochee Ridge, which enters the State from North Carolina at the boundary between Rabun and Townes Counties, passes southwest to Atlanta, thence south to Culloden and Fort Valley, Houston County, then in a southeasterly direction through Okefenokee Swamp between St. Marys and Suwannee Basins into Florida. The largest rivers east of this "backbone" of Georgia are the Savannah, with its most important tributaries, the Tugaloo, Chattooga, Tallulah, and Broad, and the Altamaha, which is formed by the union of the Oconee and Ocmulgee Rivers. West of the divide are the Flint and the Chattahoochee, which join to form the Apalachicola, the Mobile, and the Tennessee Basins. The greatest development of waterpowers is found at Augusta on the Savannah River and at Columbus on the Chattahoochee. The falls of the Chattahoochee are said to be the most numerous in the entire eastern Appalachian Mountain region and are capable of supplying an enormous amount of power. Figure 1 shows some of the most important waterpower sites, as well as the drainage basins of that part of the State.

THE SAVANNAH RIVER.

The Savannah River marks throughout its entire length the boundary line between South Carolina and Georgia, and is formed by the union of the Tugaloo and Seneca Rivers, which have their ultimate sources in the Blue Ridge Mountains of western North Carolina. The river is 355 miles long but only about half of that length in a straight line. Above Augusta the width of the basin is from 40 to 50 miles, comprising a total area of about 7,294 square miles. The river is navigable to Augusta, and from that point to the head of the river, a distance of about 180 miles, there are 19 important shoals. The longest is Trotters Shoal, 64 miles above Augusta, which is 7 miles long with a fall of 75 feet, and the shortest is Bowmans Ledge, 83 miles above Augusta, which is 120 feet long with a fall of 3 feet. The total fall of the river from the top of McDaniels Shoal to the foot of Augusta Shoal is 448 feet. An important feature is the great height of the shoals on some of the larger tributaries, as, for example, Tallulah Falls, in Rabun County, which has a total fall of 525 feet in a distance of 2½ miles, and Anthony Shoals on the Broad River, in Elbert and Lincoln Counties, which has a fall of 90 feet.

The river valley below Augusta has an average width of 30 miles and a total drainage area of 3,211 square miles. The banks are at first quite high, averaging 25 feet above low-water level at Augusta, but decrease to a few feet at Cross Tides. For 30 miles below Augusta the width of the river varies from 500 to 900 feet, but for the remainder of the distance to Savannah the average low-water width is 300 feet.

TABLE 1.—Climatological data for November, 1910. District No. 2, South Atlantic and east Gulf States.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.			Number of rainy days of 10 mm or more.	Number of part- ly cloudy days.	Number of clear days.	Prevailing wind direc- tion.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.					
<i>Virginia.</i>																			
Arvonia	Buckingham	350	8	41.6	-4.6	68	10	19	21	36	0.96	-1.36	0.64	0.0	3	15	11	n.	
Ashland	Hanover	221	19	42.2	-5.1	68	10	22	21	31	1.44	-1.12	0.50	0.0	4	11	16	n.	
Buchanan	Botetourt	820	6								0.41		0.20	0.0	3				
Callaway	Brunswick	250	16																
Cape Henry	Princess Anne	20	36	45.9	-6.2	72	10	31	30	26	0.46	-1.77	0.44	0.0	2	17	7	nw.	
Charlottesville	Albermarle	800	21	42.8	-4.8	67	1	25	20	30	1.64	-0.93	0.64	0.0	7	11	7	n.	
Clarksville	Mecklenburg	16									1.05		0.80	0.0	3				
Colombia	Fairfax	246	12	41.0	-5.7	68	10	18	21	35	1.17	-0.93	0.82	0.0	2	11	9	nw.	
Danville	Pittsylvania	413	10										0.82	0.0	3				
Diamond Springs	Princess Anne	20		44.5		72	10	26	14	34	1.68		0.52	0.0	9	21	2	n.	
Hampton	Elizabeth City	5	27	45.4	-5.4	69	10	31	17	23	1.18	-1.46	0.49	0.0	5	18	6	nw.	
Hot Springs	Bath	2,195	18	35.0	-6.2	63	9	16	23	40	1.35	-0.81	0.40	0.0	7	16	9	5	
Ivor	Southampton	87	1	43.8		72	21	18	30	36	1.45		0.70	0.0	3				
Lassiter	Goochland	100											2.38		1.10	0.0	3		
Lexington	Rockbridge	1,060	33	37.8	-5.7	68	1	16	21	43	0.56	-2.21	0.39	0.0	12	6	12		
Lynchburg	Campbell	685	39	42.4	-3.6	64	1	23	21	35	0.87	-1.92	0.48	0.0	5	8	11	nw.	
New Castle	Craig	1,300	1									1.16		1.05	0.0	3			
Newport News	Warwick	55	7	46.8		72	2	31	18	29	1.36		0.54	0.0	2	7	10	nw.	
Norfolk	Norfolk	91	40	45.4	-5.5	71	10	30	30	24	1.02	-1.64	0.33	0.0	8	16	6	nw.	
Petersburg	Dinwiddie	60	23	43.8	-5.0	71	10	23	21	33	0.97	-1.48	0.72	0.0	3				
Randolph	Charlotte	334	6									1.48		1.06	0.0	3			
Richmond	Henrico	144	31	42.4	-6.4	70	10	24	24	31	0.98	-1.41	0.65	0.0	8	11	11	nw.	
Rocky Mount	Franklin	1,150	16	41.5	-7.4	65	17	19	21	41	0.67	-2.19	0.28	0.0	4				
Saxe	Charlotte	350	7	42.5		68	8	19	17	45	1.70		1.08	0.0	3	24	1	nw.	
Spottsylvania (near)	Surrey	15	23	44.0	-4.6	72	10	21	17	37	1.14	-1.80	0.50	0.0	8	20	3	sw.	
Williamsburg	James City	70	19	43.2	-4.9	72	10	23	21	33	1.40	-1.09	0.65	0.0	4	16	6	sw.	
<i>North Carolina.</i>																			
Beaufort	Carteret	10	8	51.4		72	2	36	13	27	0.87		0.34	0.0	3	18	7	nw.	
Bellhaven	Beaufort	4	1	46.8		74	10	26	14	39	0.48		0.26	0.0	2	23	1	w.	
Brewers	Wilkes	1,950	13																
CaroLean	Rutherford	806	10	45.8	-4.2	75	14	23	13	45	0.24	-2.34	0.12	0.0	3	20	9	sw.	
Chalybeate Springs	Harnett	500	4	45.4		74	2	19	17	42	0.50		0.45	0.0	3	23	4	nw.	
Chapel Hill	Orange	500	52	46.0	-3.9	73	10	24	17	40	2.48	-0.30	2.00	0.0	3	18	11	1.	
Charlotte	Mecklenburg	773	34	48.0	-2.4	74	14	28	13	33	0.36	-2.50	0.27	0.0	4	16	10	4.	
Chimney Rock	Rutherford	1,150		47.5		74	14	25	17	43	0.40		0.40	0.0	2	25	4	w.	
Clinton	Sampson	156	3																
Durham (near)	Durham	406									0.95		0.40	0.0	4				
Eagleton	Northampton	66	5	44.2		72	10	25	17	34	1.08		0.47	0.0	5	20	6	nw.	
Edenton	Chowan	30	10	45.2	-6.4	71	10	27	30	35	1.00	-1.85	0.40	0.0	3	20	4	nw.	
Enfield (near)	Halifax	99									0.68		0.41	0.0	4				
Fayetteville	Cumberland	170	23	49.4	-2.4	75	2	26	17	42	0.79	-2.02	0.59	0.0	3				
Goldsboro	Wayne	102	40	45.6	-5.6	72	10	25	17	41	0.03	-2.27	0.02	0.0	2			w.	
Granada	Alamance	656	8								0.69		0.53	0.0	3				
Greensboro	Guildford	843	29	45.4	-3.2	72	10	22	17	40	0.90	-1.77	0.60	0.0	4			ne.	
Greenville	Pitt	75	17								0.37	-2.30	0.16	0.0	7				
Hatteras	Dare	11	36	51.3	-5.4	71	10	38	30	24	0.88	-4.29	0.19	0.0	4	18	6	nw.	
Henderson	Vance	508	17	43.4	-6.1	68	10	25	21	29	1.25	-1.50	0.75	0.0	3	19	10	nw.	
Kinston	Lenoir	40	12	48.0	-3.1	76	10	23	17	40	0.26	-2.07	0.19	0.0	2	21	4	n.	
Lenoir	Caldwell	1,186	37	42.9	-3.1	68	9	17	21	43	0.30	-2.79	0.15	0.0	2	28	1	n.	
Lexington	Davidson	810	9								0.54		0.42	0.0	2				
Lincolnton	Lincoln	994	5	43.8		75	14	21	21	45	0.15		0.15	0.0	1	21	7	2.	
Louisburg	Franklin	375	19	44.1	-4.3	70	10	24	21	33	0.89	-1.59	0.47	0.0	3	24	3	n.	
Lumberton	Robeson	102	27	48.6	-3.6	77	2	24	13	47	0.72	-1.50	0.35	0.0	4				
Manteo	Dare	12	5	48.2		71	2	30	17	32	0.54		0.32	0.0	3	23	5	nw.	
Marion	McDowell	1,425	18	45.8	-3.1	77	2	21	13	44	0.20	-2.87	0.14	0.0	3	18	11	1.	
Moncure	Chatham	145	16	44.6	-5.6	74	10	22	21	42	0.68	-1.91	0.36	0.0	4	21	0	nw.	
Monroe	Union	586	16	47.0	-3.1	76	14	21	13	48	0.38	-2.54	0.20	0.0	2	25	1	4.	
Morganton	Burke	1,135	23	44.8	-3.3	68	9	20	21	40	0.21	-2.50	0.11	0.0	2	25	3	nw.	
Mt. Airy	Surry	1,048	22	44.0	-2.4	67	1	20	22	40	1.02	-1.61	0.34	0.0	5	21	2	nw.	
Mt. Holly	Gaston	616	13								0.54	-2.11	0.42	0.0	2				
Nashville	Nash	190	6	44.7		75	2	24	21	40	1.26		0.66	0.0	5	15	7	n.	
Newbern	Craven	12	28	48.0	-6.1	75	2	24	17	44	0.49	-2.44	0.26	0.0	2			nw.	
Pinchurst	Moore	650	6	49.0		74	2	28	7	38	0.37		0.37	0.0	1	23	5	n.	
Pittsboro	Chatham	480	19																
Raleigh	Wake	390	39	46.2	-4.0	72	10	29	21	30	0.69	-1.60	0.40	0.0	4	20	5	nw.	
Ramsour	Randolph	442	3	43.6		75	8	18	17	53	0.56		0.40	0.0	2	25	5	n.	
Randleman	Ridge	810	5								0.87		0.49	0.0	5				
Reidsville	Rockingham	828	11	44.9	-2.8	75	10	24	17	37	1.09	-1.48	0.74	0.0	3	18	2	nw.	
Rock House	Macon	3,100	18	43.0	-3.6	64	14	18	12	33	0.83	-3.96	0.65	0.0	4	17	13	0.	
Rockingham	Richmond	210	15	46.4	-5.4	76	14	23	12	48*	0.61	-1.95	0.45	0.0	3				
Rocky Mount	Nash	105									1.05		0.40	0.0	5				
Roxboro	Person	600	12	44.2	-4.9	69	10	23	30	33	1.22	-1.39	0.80	0.0	3	20	1	nw.	
Salem	Forsythe	1,000	15	42.9	-5.1	67	8	21	17	38	0.68	-1.88	0.51	0.0	2				
Salisbury	Rowan	760	26	46.4	-4.1	74	1	23	30	43	0.68	-1.95	0.53	0.0	3	21	2	n.	
Saxon	Stokes	900	18	41.6	-5.3	66	1	20	21	40	0.60	-2.05	0.44	0.0	2	18	6	nw.	
Scotland Neck	Halifax	80	6	43.6		70	10	24	17	35	0.74		0.40	0.0	5	12	11	7.	
Selma	Johnston	225	20	45.4	-5.4	75	10	24	17	37	0.85	-1.94	0.40	0.0	3				
Settle	Iredell	700	14	44.2	-4.5	71	8	20</td											

TABLE 1.—Climatological data for November, 1910. District No. 2—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Sky.			Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, .01 inch or more.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	
<i>South Carolina—Contd.</i>																			
Cahoum Falls.	Abbeville.	508	17								0.35	- 2.19	0.35	0.0	1	25	4	1	sw.
Camden.	Kershaw.	223	44								0.62	- 1.55	0.20	0.0	5	26	2	2	nw.
Catawba.	York.	562	5								0.44		0.20	0.0	3	20	2	8	n.
Chappells.	Newberry.	402	5								0.00		0.00	0.0	0	23	5	2	w.
Charleston.	Charleston.	48	40	54.6	- 3.5	76	25	37	30	26	1.61	- 1.26	0.64	0.0	6	9	9	3	w.
Cheraw.	Chesterfield.	144	22	49.3	- 3.1	77	14	36	17	46	0.61	- 1.54	0.32	0.0	3	20	5	5	nw.
Clemson College.	Oconee.	850	19	47.2	- 3.9	71	15	25	13	33	0.33	- 2.47	0.38	0.0	1	25	3	2	w.
Columbia.	Richland.	351	23	51.6	- 2.2	77	14	30	13	33	0.59	- 1.68	0.29	0.0	6	18	4	4	w.
Conway.	Horry.	25	18	50.6	- 3.8	75	2	27	13	40	2.31	+ 0.01	1.30	0.0	6	20	1	9	sw.
Darlington.	Darlington.	175	15	50.0	- 3.3	77	14	24	13	46	0.76	- 1.66	0.28	0.0	4	24	0	3	....
Dillon.	Dillon.	100	6	50.6	- 2.9	77	27	24	13	43	1.25	- 0.94	0.57	0.0	4	25	0	5	....
Effingham.	Florence.	106	18								0.45	- 1.99	0.25	0.0	2	25	0	5	w.
Ferguson.	Berkeley.	51	2								0.74	- 0.46	0.00	0.0	3	25	0	5	n.
Florence.	Florence.	136	22	52.8	- 1.1	85	9	28	13	48	0.80	- 1.51	0.40	0.0	4	22	2	6	sw.
Georgetown.	Georgetown.	12	53.2	- 6.7	78	26	32	13	38	2.10	- 0.12	0.75	0.0	5	19	11	5	w.	
Greenville.	Greenville.	989	18	50.0	+ 0.4	78	47	27	12	46	0.30	- 1.98	0.30	0.0	1	17	5	8	nw.
Greenwood.	Greenwood.	671	32	50.2	- 1.8	78	14	30	47	45	0.40	- 2.38	0.22	0.0	2	24	1	5	w.
Heath Spring.	Lancaster.	568	9	50.4		78	10	25	17	43	0.56		0.30	0.0	2	24	3	4	w.
Jacksonboro.	Colleton.	13	21	51.8		75	25	30	13	36	2.62		1.05	0.0	5	26	3	6	nw.
Kingscreek.	Williamsburg.	54	22	51.1	- 4.4	77	24	29	57	38	1.72	- 0.46	0.55	0.0	2	23	3	4	ne.
Liberty.	Pickens.	900	16	49.0	- 1.9	74	14	24	13	39	0.60	- 2.08	0.50	0.0	2	22	6	2	sw.
Little Mountain.	Newberry.	711	17	47.3	- 6.0	73	2	30	30	28	0.79	- 1.51	0.30	0.0	4	22	1	7	w.
Meriwether.	Edgefield.	1	50.8			76	14	27	12	42	1.21		0.72	0.0	3	15	4	11	....
Newberry.	Newberry.	502	6	50.4	- 3.3	78	14	27	13	38	0.59	- 2.34	0.30	0.0	6	17	10	3	w.
Pelzer.	Anderson.	873	5								0.28		0.28	0.0	1	19	4	7	w.
Pinopolis.	Berkeley.	55	17								1.83	- 0.64	0.77	0.0	4	24	0	6	....
St. George.	Dorchester.	109	22	53.3	- 2.4	78	25	33	47	33	2.01	+ 0.08	0.60	0.0	5	24	0	6	....
St. Matthews.	Cahoum.	209	22	51.8	- 3.1	75	14	32	13	35	1.81	- 0.48	0.60	0.0	4	22	0	8	....
Saluda.	Saluda.	530	8																
Santee.	Union.	512	15	49.3	- 2.2	77	14	26	18	42	0.14	- 2.64	0.09	0.0	2	18	9	3	w.
Smith Mills.	Williamsburg.	62	15								1.25	- 1.24	0.42	0.0	5	25	5	5	n.
Society Hill.	Darlington.	192	19	49.2	- 3.3	72	14	26	30	33	0.65	- 1.63	0.35	0.0	3	23	3	4	ne.
Spartanburg.	Spartanburg.	875	19	47.6	- 3.9	74	24	27	47	39	0.20	- 2.58	0.18	0.0	2	19	0	11	....
Summerville.	Dorchester.	75	13	53.2	- 2.8	77	14	29	13	38	2.17	- 0.38	0.68	0.0	0	16	18	2	sw.
Trenton.	Edgefield.	620	17	53.3	- 2.2	79	9	30	30	37	1.28	- 1.22	0.71	0.0	4	18	10	2	w.
Trial.	Berkeley.	85	23																Ezell Galliard.
Walterboro.	Colleton.	69	6	54.34		79	14	28	13	44	2.63		0.96	0.0	5	21	5	4	....
Winnsboro.	Fairfield.	545	21	51.2	- 2.5	77	14	30	13	38	0.48	- 1.70	0.40	0.0	2	25	4	1	nw.
Winthrop College.	York.	690	11	49.6	- 2.9	75	14	27	12	34	0.27	- 2.15	0.12	0.0	3	21	6	3	sw.
Yemassee.	Hampton.	23	15	51.2	- 3.9	75	14	31	13	38	1.98	- 0.00	0.86	0.0	5	22	2	6	J. G. Hutson.
<i>Georgia.</i>																			
Abbeville.	Wilcox.	7									3.35		1.68	0.0	7	21	0	9	w.
Adairsville.	Bartow.	772	18	47.56	- 2.8	72	11	25	7	37 ^d	0.51	- 2.46	0.33	0.0	3	21	6	2	....
Albany.	Dougherty.	230	25	55.6	- 2.1	82	14	32	7	44	3.56	+ 1.24	1.68	0.0	7	13	7	10	nw.
Allapaha.	Berrien.	293	21	56.4	- 1.2	80	14	33	8	37	3.74	+ 1.92	3.18	0.0	4	8	11	11	sw.
Americus.	Sumter.	362	27	52.8	- 3.8	76	14	30	1	40	3.05	+ 0.33	1.00	0.0	6	20	3	7	w.
Athens.	Clarke.	694	33	51.4		77	26	28	4	35	0.23	- 2.75	0.13	0.0	3	19	6	5	w.
Atlanta.	Fulton.	1,218	45	49.7	- 2.0	73	24	27	4	28	0.57	- 2.86	0.20	0.0	5	15	2	13	w.
Augusta.	Richmond.	180	44	52.0	- 2.3	76	14	31	13	33	1.35	- 1.38	0.58	0.0	7	15	10	5	sw.
Bainbridge.	Decatur.	119	18	56.9	- 1.3	82	25	31	4	43	2.88	+ 1.40	1.37	0.0	6	18	2	9	n.
Barnesville.	Pike.	875	2	53.4		75	14	28	4	32	1.63		0.58	0.0	5	15	10	5	w.
Blakely.	Early.	300	19																Ralph M. Hobbs.
Butler.	Taylor.	650	8								1.31		0.33	0.0	6	23	0	7	nw.
Camak.	Warren.	613	17	51.0	- 2.6	78	15	25	4	40	1.65	- 0.61	0.90	0.0	3	25	4	1	....
Canton.	Cherokee.	894	17								0.82	- 2.56	0.32	0.0	5	18	4	8	n.
Carlton.	Madison.	557	11								0.19	- 2.21	0.10	0.0	2	27	0	3	w.
Clayton.	Rabun.	2,100	17	45.2	- 3.1	71	14	23	7	36	1.12	- 2.70	1.00	0.0	2	21	4	5	w.
Columbus.	Muscogee.	262	23	52.2	- 3.3	79	25	32	1	38	1.49	- 1.30	0.73	0.0	5	21	2	7	nw.
Covington.	Newton.	800	17								0.98	- 1.92	0.25	0.0	5	21	7	2	....
Cuthbert.	Randolph.	446	11	54.2 ^c	- 3.0	78	25	26	30	38 ^d	3.02	- 1.30	0.00	0	4	15	9	6	....
Dahlonega.	Lumpkin.	1,519	18	47.2	- 2.6	69	26	25	4	32	0.78	- 2.81	0.94	0.0	5	15	7	8	....
Diamond.	Gilmer.	2,020	20	45.6	- 2.9	70	26	22	7	41	1.22	- 2.81	0.94	0.0	4	25	1	4	....
Dublin.	Laurens.	452	16								2.20	- 0.41	1.04	0.0	5	17	10	3	nw.
Dudley.	.do.	8	54.2			80	14	31	17	39	1.65		1.06	0.0	5	17	10	3	....
Eastman.	Dodge.	361	19	56.0 ^c	- 1.6	81	14	33	4	33	3.57	+ 1.72	1.90	0.0	5	13	4	9	....
Eatonton.	Putnam.	7	47.4 ^b			77	14	26	4	36 ^d	1.66		0.70	0.0	4	21	7	2	w.
Elberton.	Elbert.	710	19	51.8	- 1.0	77	14	27	4	37	0.24	- 2.61	0.12	0.0	2	21	7	6	....
Experiment.	Spalding.	946	10	52.6	- 0.7	73	14	30	4	32	1.30	- 1.19	0.50	0.0	5	17	7	6	nw.
Fort Gaines.	Clay.	166	23	53.8	- 2.3	80	14	29	4	32	2.54	- 0.11	0.85	0.0	4	16	2	12	nw.
Gainesville.	Hall.	1,254	34	45.9	- 2.9	71	14	22	4	24	0.53	- 2.89	0.53	0.0	1	24	6	2	w.
Gillsville.	.do.	1,053	20	49.7	- 3.2	73	26	27	4	33	0.20	- 2.53	0.12	0.0	2	16	11	3	w.
Gore.	Tattnall.	5	53.5			76	23	33	1	32	3.34	- 2.58	0.00	0	4	25	3	2	....
Greensboro.	Chattooga.	12	47.0	- 2.1	73														

TABLE 1.—Climatological data for November, 1910. District No. 2—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, .01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Georgia—Continued.</i>																				
Quitman.	Brooks.	173	26	57.9	— 1.2	84	2	33	4	42	2.76	+ 0.74	1.00	0.0	5	21	0	9	nw.	A. B. Jones.
Ramsey.	Murray.	1,363	17	49.0	— 2.9	69	9	25	4	32	1.19	— 2.04	0.75	0.0	6	18	6	6	n.	D. E. Humphreys.
Resaca.	Gordon.	657	17								0.92	— 2.38	0.68	0.0	2	23	3	4	n.	D. A. Norton.
Rome.	Floyd.	576	55	46.0		72	9	25	7	41	0.70	— 2.64	0.38	0.0	4	22	3	5	w.	W. M. Towers.
St. George.	Charlton.	4	57.6			79	25	35	57	36	1.79		0.90	0.0	4	23	4	3	nw.	A. N. Lund.
St. Marys.	Camden.	20	19																David C. Sterling.	
Savannah.	Chatham.	65	60	55.6	— 2.6	76	25	36	13	27	2.74	+ 0.58	1.55	0.0	8	21	4	5	w.	U. S. Weather Bureau.
Statesboro.	Bulloch.	253	10	54.8	— 2.6	77	14	34	1	40	2.45	+ 0.29	0.80	0.0	6	13	15	2		J. C. Cromley.
Talbotton.	Talbot.	750	17	52.2	— 2.3	80	25	29	30	40	1.83	— 1.41	0.93	0.0	5	19	7	7	nw.	Dr. E. L. Bardwell.
Tallapoosa.	Haralson.	1,150	18	47.8	— 4.0	76	24	27	4	41	1.19	— 1.08	0.55	0.0	5	18	3	9	nw.	Elmer C. Bishop.
Thomasville.	Thomas.	273	27	56.0	— 3.2	79	14	34	7	40	5.27	+ 2.74	4.17	0.0	6	16	7	7	nw.	U. S. Weather Bureau.
Toocoo.	Stephens.	1,050	25	49.6	— 0.6	73	26	29	12	37	0.50	— 2.70	0.50	0.0	1	25	0	5	w.	Mrs. Alice Starke.
Valdosta.	Lowndes.	219	5	57.6		87	2	30	1	51	2.97		0.85	0.0	6	17	1	12	w.	J. M. Atwood.
Valona.	McIntosh.	10	10			78	25				3.20	+ 1.10	2.15	0.0	3	26	0	4	ne.	Miss Ella B. Smith.
Washington.	Wilkes.	630	23	51.4	— 1.2	77	14	29	7	36	1.04	— 1.83	0.48	0.0	4	22	4	4	ne.	Thomas Sasser.
Waycross.	Ware.	131	21	54.0	— 3.6	80 ^a	24	35	47	45	3.13	+ 1.62	1.25	0.0	6	24	1	5	nw.	Mrs. H. W. Blount.
Waynesboro.	Burke.	86	19	52.3	— 2.3	79	27	23	12	44	2.64	+ 0.82	1.25	0.0	5	23	1	6	nw.	E. N. Dunn.
West Point.	Troup.	620	23								1.34	— 1.63	0.50	0.0	4	19	1	11	nw.	G. A. Wright.
Woodbury.	Meriwether.	641	10	49.5	— 2.6	75	15	24	4	41	1.51	— 1.10	0.60	0.0	3	184	1d	74		
<i>Florida.</i>																				
Apalachicola.	Franklin.	24	5	60.7 ^d		82 ^d	14 ^d	38 ^d	7	28	2.73		2.52	0.0	2	5	0	w.	G. H. Whistide.	
Arcadia.	De Soto.	61	8	62.7		83	27	38	57	38	0.58		0.26	0.0	5	25	5	0	w.	C. S. Bushnell.
Archer.	Alachua.	92	24	59.4	— 3.7	82	15	32	30	38	3.48	+ 1.33	2.00	0.0	3	25	1	4	nw.	R. B. Hodgson.
Avon Park.	De Soto.	150	11	63.9	— 4.3	86	27	37	30	40	0.31	— 1.52	0.13	0.0	4	22	4	4	nw.	O. R. Thacher.
Bartow.	Polk.	115	13	61.8	— 5.3	83	15	35	57	42	1.10	— 0.61	0.83	0.0	3	17	7	6	ne.	Wm. Hood.
Blountstown.	Calhoun.	2																	C. L. Hobbs.	
Bonifay.	Holmes.	111	8	57.2		79	14	31	7	42	1.80		1.00	0.0	2	14	5	11	n.	Wm. Rush.
Brooksville.	Hernando.	126	17	62.4	— 3.5	83	26	38	30	40	2.50	+ 0.94	1.40	0.0	3	23	3	4	w.	C. C. Peck.
Carrabelle.	Franklin.	10	13			88	15	32	30	38	2.11	+ 0.09	1.54	0.0	3	25	1	4	nw.	J. J. Blomquist.
Cedar Keys.	Levy.	10	12	61.2	— 2.1	77	2	43	47	26	1.40	— 0.99	0.90	0.0	3	25	1	4	nw.	J. B. Lutterloh.
Clermont.	Lake.	105	16	64.0	— 3.7	84	16	43	57	32	2.28	+ 1.13	1.20	0.0	3	20	7	3	n.	S. S. Fesler.
De Funak Springs.	Walton.	193	14																R. W. Storrs.	
De Land.	Volusia.	27	18	59.0	— 5.7	79	15	32	5	39	1.62		0.94	0.0	6	20	6	4	nw.	Dr. O. B. Webster.
Eustis.	Lake.	56	17	62.7	— 3.0	88	15	32	30	38	1.30	— 0.11	0.95	0.0	3	24	3	3	w.	C. T. Smith.
Federal Point.	Putnam.	5	17	60.4	— 3.6	80	10	42	6	35	2.47	+ 0.35	1.27	0.0	7	22	5	3	nw.	E. S. Hubbard.
Fenholdaway.	Taylor.	75	3	58.6 ^d		83	15	32	30	43	1.83		1.00	0.0	2	22	5	3	ne.	Miss E. Wiggleworth.
Fernandina.	Nassau.	10	12	59.4	— 3.4	79	14	40	7	30	1.13	— 1.48	0.60	0.0	5	22	5	3	ne.	W. B. C. Durkee.
Fort Meade.	Fort Meade.	125	17	62.0	— 4.6	84	16	32	30	43	1.23	— 0.14	0.94	0.0	2	23	3	4	nw.	G. L. Broderick.
Fort Myers.	Lee.	12	17	64.8	— 4.9	79	18	46	5	38	2.89	— 0.37	0.55	0.0	3	26	2	2	e.	Miss M. M. Gardner.
Fort Pierce.	St. Lucie.	6	18	65.8	— 3.4	82	27	42	30	31	1.03	— 2.50	0.60	0.0	5	25	1	4	n.	T. J. O'Brien.
Gainesville.	Alachua.	176	23	58.0	— 4.7	79	18	37	30	35	2.79	+ 0.78	1.30	0.0	5	25	3	2	n.	J. B. Escott.
Grasmer.	Orange.	175	13	61.6	— 4.6	86	1	36	30	37	1.55		1.05	0.0	4	25	3	2	n.	The Hilliard Co.
Hilliard.	Nassau.	69	1	57.6		80	24	35	1	39	2.70		1.00	0.0	4	24	1	5	n.	W. J. Krone.
Homestead.	Dade.	5	66.6			84	9	39	5	40	0.75		0.41	0.0	5	25	4	1	nw.	C. E. Walker.
Huntington.	Putnam.	56	12																G. A. Angevine.	
Hypoluxo.	Palm Beach.	4	9																W. H. Miller.	
Inverness.	Citrus.	43	8	58.6		79	18	34	5	37	1.98	+ 0.65	1.19	0.0	3	18	4	4	ne.	U. S. Weather Bureau.
Jacksonville.	Duval.	101	37	59.5	— 1.8	79	25	40	4	26	1.64	— 0.55	0.89	0.0	4	19	6	5	nw.	G. W. Duncan.
Jasper.	Hamilton.	152	11																A. M. C. Brasch.	
Johnstown.	Bradford.	125	14	60.2	— 0.2	83	15	34	30	38	1.53	+ 0.11	0.56	0.0	3	25	3	2		U. S. Weather Bureau.
Jupiter.	Palm Beach.	34	21	66.8	— 4.8	81	10	44	30	25	1.31	— 1.74	0.56	0.0	7	16	12	2	nw.	Do.
Key West.	Monroe.	14	38	70.4	— 3.9	79	17	58	6	17	1.35	— 1.01	0.92	0.0	3	24	4	4	ne.	J. A. Simpson.
Kissimmee.	Osceola.	65	17	64.3	— 3.1	83	15	42	57	32	0.63	— 0.25	0.46	0.0	2	21	15	4	sw.	W. B. Knight.
Lake City.	Columbia.	210	20	53.9	— 2.8	82	25	34	30	41	1.22	— 1.51	0.97	0.0	2	20	3	7	n.	D. O. Henry.
Live Oak.	Suwanee.	109	8								2.05	— 0.23	0.70	0.0	5	24	0	6	e.	Griffing Bros. Co.
Macclenny.	Baker.	125	13																E. J. Vann.	
Madison.	Madison.	200	6	57.4		79	25	34	4	38	4.01	+ 2.38	1.28	0.0	7	14	5	11	nw.	J. F. Farley.
Malabar.	Brevard.	24	8	64.4		88	23	40	30	40	0.74		0.20	0.0	6				W. P. Fuller.	
Manatee.	Manatee.	8	17	61.6	— 5.5	79	3	38	5	34	2.15	+ 0.57	1.80	0.0	3	24	0	6	n.	W. J. Watson.
Marianna.	Jackson.	80	9	57.2		83	14	30	7	40	2.43		1.48	0.0	5	18	4	8	nw.	F. Ulrich.
Merrits Island.	Brevard.	20	30	63.7	— 4.7	79	11	36	27	37	0.67	— 1.58	0.45	0.0	3	27	2	2	nw.	E. V. Blackman.
Miami (Subtropical).	.do.	5				85	16	46	5	38	2.62	— 0.88	1.40	0.0	1	25	4	1		Edwards Simmonds.
Middleburg.	Clay.	10	8	57.6 ^d		82	15	33	4	46	1.50		1.20	0.0	2				G. A. Chalker.	
Molino.	Escambia.	49	8	56.7		87	24	27	30	45	2.34		1.40	0.0	3	24	0	6	n.	W. H. Trimmer.
Monticello.	Jefferson.	207	4															E. C. Potter.		
Mount Pleasant.	Gadsden.	280	5	56.4		82	25	29	30	33	4.47		2.00	0.0	4	14	0	16		Miss Addie Grubb.
Newport.	Wakulla.	8	21	58.9	— 4.1	84	15	30	29	33	2.62	— 0.88	1.40	0.0	4	23	2	5	nw.	J. M. Ladd.
New Smyrna.	Volusia.	9	21	62.0	— 3.6	85	15	39	30	36	2.02	— 0.75	1.40	0.0	4	24	2	5	nw.	F. Nordman.
Ocala.	Marion.	98	22																	

TABLE 1.—Climatological data for November, 1910. District No. 2—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.1 inch or more.	Number of partly cloudy days.	Number of cloudy days.		
<i>Alabama—Continued.</i>																			
Citronelle.	Mobile.	331	22	58.3	- 1.6	81	14	35	30	34	2.07	- 0.84	0.75	0.0	7	19	4	7	n.
Clanton.	Chilton.	590	17	51.8	- 2.6	77	25	29	7	33	2.09	- 0.77	0.95	0.0	9	12	2	16	n.
Coohrane.	Pickens.																		
Cordova.	Walker.	334	19	50.2	- 1.6	80	24	24	4	42	1.16	- 1.81	0.53	0.0	3	20	5	5	s.
Cullman.	Cullman.	802	2	48.0		76	24	25	7	44	1.15		0.52	T.	5	16	5	9	nw.
Dadeville.	Tallapoosa.	780	5																w.
Daphne.	Baldwin.	19		57.0d	- 2.8	78	27	36	71	30d	2.92	+ 0.35	1.40	0.0	5	19	9	2	nw.
Demopolis.	Marengo.	18																	
Eufaula.	Barbour.	200	26	51.0	- 4.8	76	14	28	1	38	2.88	+ 0.09	0.80	0.0	6	16	8	6	n.
Evergreen.	Conecuh.	285	26	55.9	- 0.6	83	3	29	28	48	2.01	- 1.21	1.25	0.0	6	18	0	12	sc.
Flointon.	Escambia.	91	18	57.8	+ 0.3	78	81	30	29	40	3.20	+ 0.02	1.24	0.0	5	15	12	3	n.
Fort Deposit.	Lowndes.	520	26	52.2	- 3.7	76	14	32	11	38	3.54	+ 0.69	1.20	0.0	5	13	8	9	s.
Gadsden.	Etowah.	621	49	49.0	- 1.9	79	24	28	13	38	0.89	- 2.14	0.42	0.0	5	3	12	12	ne.
Goodwater.	Coosa.	826	15	51.2	- 3.1	80	26	27	14	43	1.62	- 1.39	0.62	0.0	3	18	0	12	s.
Greensboro.	Hale.	220	31	52.8	- 2.7	76	14	32	29	34	2.36	- 1.15	0.97	0.0	8	16	1	13	n.
Greenville.	Butler.	444	9																
Hamilton.	Marion.	14	50.3	- 2.9	76	24	25	22	44	1.25	- 2.05	0.59	0.0	4	15	3	12	n.	
Highland Home.	Crenshaw.	18	56.2	- 1.1	86	10	32	30	31	3.75	+ 0.67	1.40	0.0	6	18	4	8	nw.	
Livingston.	Sumter.	160	26	50.2	- 3.8	77	27	30	41	40	3.22	+ 0.37	1.37	0.0	5	18	0	12	e.
Lock No. 4.	Talladega.	510	13	49.8	- 2.5	76	24	27	41	40	1.06	- 1.66	0.58	0.0	4	21	0	9	w.
Lucy.	Houston.																		
Maple Grove.	Cherokee.	17	46.8	- 4.0	76	24	25	31	40	1.24	- 1.87	0.79	0.0	6	11	16	3	nw.	
Mentone.	DeKalb.	1,595	3																
Milstead.	Macon.	7																	
Mobile.	Mobile.	57	38	58.8	+ 1.3	78	25	39	30	27	2.08	- 1.06	1.18	0.0	6	17	9	4	n.
Montgomery.	Montgomery.	240	38	53.9	- 1.8	78	25	34	4	32	2.75	- 0.38	1.09	0.0	6	15	7	8	nw.
Newbern.	Hale.	17	52.5	- 2.3	78	27	29	24	32	2.62	+ 0.12	0.86	0.0	8	14	9	7	n.	
Oneonta.	Blount.	857	16	44.6	- 6.2	70	24	21	4	35	1.44	- 1.29	0.60	T.	7	13	1	16	n.
Opelika.	Lee.	817	31	52.6	- 2.1	75	24	32	41	28	1.54	- 1.63	0.55	0.0	5	20	2	8	w.
Ozark.	Dale.	400	8	57.4b		78 ^a	14	32	4	35 ^c	2.20		0.95	0.0	5	16	8	6	s.
Prattville.	Autauga.	281	10																
Pushmataha.	Choctaw.	19																	
Selma.	Dallas.	147	30	52.2	- 3.1	78	14	29	4	40	2.60	- 0.48	0.90	0.0	6	11	5	14	w.
Spring Hill.	Mobile.	312	6	57.6		78	14	36	30	29	3.71		2.75	0.0	4	10	15	5	n.
Talladega.	Talladega.	554	20																
Tallassee.	Elmore.	19																	
Thomasville.	Clarke.	385	19	51.6	- 4.2	77	14	29	28	42	4.92	+ 2.44	2.05	0.0	6	13	3	14	nw.
Troy.	Pike.	581	2	55.6		80	24	31	30	33	3.79		1.09	0.0	9	14	9	7	w.
Tuscaloosa.	Tuscaloosa.	230	29	49.4	- 3.6	77	23	29	41	39	0.72	- 2.26	0.46	0.0	9	18	1	11	se.
Tuskegee.	Macon.	10	53.0	- 4.7	79	25	29	4	44	2.32	- 0.58	1.04	0.0	4	13	8	9	n.	
Union Springs.	Bullock.	216	23	52.2	- 3.1	76	14	31	4	36	2.85	+ 0.05	0.99	0.0	5	13	14	3	s.
Uniontown.	Perry.	273	24	54.3	- 1.7	78	14	31	4	36	2.85	+ 0.05	0.99	0.0	7	15	7	8	nw.
Valley Head.	DeKalb.	1,031	25	46.7	- 2.3	73	24	21	4	43	1.23	- 1.99	0.61	0.0	3	15	12	3	n.
Wetumpka.	Elmore.	205	18	54.0	- 2.2	81	24	28	4	39	1.94	- 1.05	0.81	0.0	4	13	0	17	n.
<i>Mississippi.</i>																			
Aberdeen.	Monroe.	210	22	50.8	- 0.2	74	27	28 ^b	71	39 ^b	1.28	- 1.77	0.38	0.0	5	17	2	11	n.
Agricultural College.	Oktibbeha.	424	20	53.0	- 1.0	75	14	29	71	38	1.93	- 1.04	1.10	0.0	5	11	12	7	sw.
Bay St. Louis.	Hancock.	28	17	58.7	- 1.4	82	10	35	30	31	0.95	- 2.00	0.30	0.0	7	14	9	7	nw.
Biloxi.	Harrison.	24	19	58.6	- 1.0	78	2	37	71	28	1.15	- 1.75	0.34	0.0	6	13	8	9	nw.
Booneville.	Prentiss.	504	18	48.2	- 3.6	74	27	28	41	32	0.74	- 3.03	0.54	0.0	4	20	7	3	n.
Brookhaven.	Lincoln.	500	22	55.0	- 1.6	83	14	30	30	42	4.24	+ 0.33	1.78	0.0	7	13	1	16	s.
Columbus.	Marion.	110	6																
Columbus.	Lowndes.	191	22	50.2	- 3.3	78	14	26	4	46	1.68	- 2.73	0.92	0.0	5	14	3	13	se.
Crystall Springs.	Copiah.	468	18	54.8	- 1.8	81	14	32	29	40	3.63	+ 0.54	1.00	0.0	7	20	3	7	se.
Edinburg.	Leake.	2	51.8																
Enterprise.	Clarke.	248	5																
Fulton.	Itawamba.	1																	
Hattiesburg.	Forest.	189	17	35.2 ^a	- 2.4	80		30	1	44 ^a	1.98	- 1.13	1.50	0.0	3	10	4	16	n.
Hazlehurst.	Copiah.	460	20	54.9	- 2.0	79	14	32 ^a	6	38	5.53	+ 2.47	1.60	0.0	6	12	4	14	s.
Hickory.	Newton.	326																	
Jackson.	Hinds.	280	23	55.6	+ 0.6	82	14	29	29	43	2.12	- 1.39	0.58	0.0	8	14	9	7	sw.
Lake.	Scott.	446	22	51.2	- 1.9	79	26	28	71	39	2.57	- 0.17	0.94	0.0	7	11	6	13	nw.
Lake Como.	Jasper.	7																	
Laurel.	Jones.	241	6	55.3		81	14	31	71	40	5.57		1.70	0.0	9	14	9	7	sw.
Leakesville.	Greene.	16	57.0	- 1.3	83	14	30 ^b	7	46	3.46	+ 0.45	1.21	0.0	6	20	4	6	se.	
Louisville.	Winston.	561	21	64.0	- 0.4	78	25	29	7	40	1.03	- 1.87	0.38	0.0	4				
McNeill.	Pearl River.	230	7	58.3		82	10	32	29	35	1.87		0.45	0.0	6	12 ^b	13 ^b	3 ^b	se.
Macon.	Noxubee.	185	22	50.4	- 3.8	76	22	27	4	43 ^a	0.73	- 1.67	0.29	0.0	4	14 ^b	4 ^b	10 ^b	se.
Magnolia.	Pike.	415	14	57.8	- 0.4	80	13	30	7	37	3.21	+ 0.24	1.37	0.0	5	8	10	12	s.
Meridian.	Lauderdale.	375	20	52.6	- 0.6	77	27	31	4	35	2.61	- 1.33	1.09	0.0	8	12	4	14	sw.
Merrill.	Greene.	76	5																
Monticello.	Lawrence.	209	3	54.6		82 ^b	14	27	29	46 ^b	4.44	- 1.80	0.9	0	9	7	12	11	ne.
Okolona.	Chickasaw.	311	22	49.8	- 2.2	74	22	28	30	37	0.73	- 2.27	0.23	0.0	5	14	7	9	n.
Pascagoula.	Jackson.	15	1	58.8		78	21	30	7	31	1.52		0.70	0.0	6	16	10	4	se.
Pearlington.	Hancock.	10	22	57.8	- 1.4	80	14	31	29	34	0.82	- 2.34	0.30	0.0	4	12	11	7	ne.
Porterville.	Kemper.	5	5	53.2	</														

TABLE 2.—*Daily precipitation for November, 1910. District No. 2, South Atlantic and east Gulf States.*

Stations.	River basins.	Day of month.																													Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
<i>Virginia.</i>																																
Arvonias.	James.	T.	.64	T.06	T.	.26	.	.	0.96	
Ashland.	do.										T.				.50	T.	.36	.40	T.	1.44		
Buchanan.	do.										T.				.04	T.	.20	.17	.	0.41		
Callaville.	Chowan.										T.				.11	.05	T.	.01	.	.	0.97		
Cape Henry.	Coast.										T.				.25	.13	T.	.	.	.	1.04		
Charlottesville.	James.	.03	.64	T.				.20	T.	.	.	.	1.05		
Clarksville.	Roanoke.										T.				.80	T.	.	.	.	1.17		
Columbia.	James.	T.	.82	T.				.82	T.	.	.	.	1.02			
Danville.	Roanoke.									T.				.48	.12	.01	T.	.02	.24	.	1.08			
Diamond Springs.	Coast.									T.				.48	.15	T.	.	.	.	1.18			
Hampton.	do.									T.				.48	T.	.	.	.	1.35			
Hot Springs.	James.	.02	T.				.28	T.	.	.	.	1.45			
Ivor.	Chowan.									T.				.70	T.	.	.	.	2.38			
Lessiter.	James.									T.				.90	T.	.	.	.	0.56			
Lexington.	do.									T.				.01	T.	.	.	.	0.87			
Lynchburg.	do.									T.				.25	.23	T.	.	.	.	1.16				
Newcastle.	do.									T.				.04	T.	.	.	.	1.36				
Newport News.	Coast.									T.				.54	.10	.01	T.	.	.	.	1.18				
Norfolk.	do.									T.				.32	.05	.	.	.	.	.	.	.	T.	.	.	.	1.02
Petersburg.	James.									T.				.72	.	.	.	.	.	.	.	.	T.	.	.	.	0.97
Randolph.	Roanoke.									T.				.08	.	.	.	.	.	.	.	.	T.	.	.	.	1.48
Richmond.	James.									T.				.59	.01	.	.	.	.	.	.	.	T.	.	.	.	0.98
Rocky Mount.	Roanoke.									T.				.10	.	.	.	.	.	.	.	T.	.	.	.	0.67	
Saxe.	do.									T.				.08	.	.	.	.	.	.	.	T.	.	.	.	1.70	
Spottsylvania.	Chowan.									T.				.10	.50	.08	.	.	.	.	.	T.	.	.	.	1.14	
Williamsburg.	James.									T.				.65	.20	.	.	.	.	.	T.	.	.	.	1.40		
<i>North Carolina.</i>																																
Beaufort.	Bogue Sound.													.30	0.87
Belhaven.	Pungo.													.22	0.48
Brewers.	Pedee.													T.	0.24
Caroien.	Santee.													.10	0.56
Chalybeate Springs.	Cape Fear.													.45	T.	.	.	.	2.48		
Chapel Hill.	do.													.34	T.	T.	.	.	.	0.38		
Charlotte.	Santee.													.21	.06	T.	.	.	.	0.40			
Chimney Rock.	do.													T.	T.	.	.	.	0.40			
Clinton.	Cape Fear.													T.	T.	.	.	.	0.95			
Durham (near) ||.	Neuse.													.40	T.	.	.	.	1.06				
Eagletown.	Chowan.													.47	T.	.05	T.	.	.	.	1.00				
Edenton.	Albermarle Sound.													.40	T.	.	.	.	0.68				
Enfield (near) ||.	Tar.													.40	.01	T.	.	.	.	1.07				
Fayetteville ||.	Cape Fear.													.59	.	.	.	.	.	.	.	.	T.	.	.	.	0.79
Goldsboro ||.	Neuse.													.02	.	.	.	.	.	.	.	.	T.	.	.	.	0.03
Graham ||.	Cape Fear.													.53	.	.	.	.	.	.	.	.	T.	.	.	.	0.69
Greensboro ||.	do.													.60	.05	.	.	.	.	.	.	.	T.	.	.	.	0.90
Greenville ||.	Tar.													.15	.01	.	.	.	.	.	.	.	T.	.	.	.	0.37
Hatteras.	Pamlico Sound.													.19	.07	.	.	.	.	.	.	.	T.	.	.	.	0.38
Henderson.	Tar and Roanoke.	T.	.28	T.	.	.	.	.	.	T.				.22	.	.	.	.	.	.	.	.	T.	.	.	.	1.25
Kinston.	Neuse.									T.				.19	.	.	.	.	.	.	.	.	T.	.	.	.	0.26
Lenoir.	Santee.									T.				.15	.	.	.	.	.	.	.	.	T.	.	.	.	0.30
Lexington.	Pedee.									T.				.15	.	.	.	.	.	.	.	.	T.	.	.	.	0.15
Lincolnton.	Santee.									T.				.15	.	.	.	.	.	.	.	.	T.	.	.	.	0.89
Louisburg ||.	Tar.									T.				.47	.	.	.	.	.	.	.	.	T.	.	.	.	0.72
Lumberton ||.	Lumber.									T.				.35	.	.	.	.	.	.	.	.	T.	.	.	.	0.54
Manteo.	Roanoke Sound.									T.				.32	.	.	.	.	.	.	.	.	T.	.	.	.	0.20
Marion.	Santee.									T.				.36	.	.	.	.	.	.	.	.	T.	.	.	.	0.68
Moncks ||.	Cape Fear.									T.				.20	.	.	.	.	.	.	.	.	T.	.	.	.	0.36
Monroe.	Pedee.									T.				.20	.	.	.	.	.	.	.	.	T.	.	.	.	0.21
Morganton.	Santee.									T.				.11	.	.	.	.	.	.	.	.	T.	.	.	.	1.02
Mount Airy.	Pedee.									T.				.08	.	.	.	.	.	.	.	.	T.	.	.	.	0.54
Mount Holly ||.	Santee.									T.				.42	.	.	.	.	.	.	.	.	T.	.	.	.	1.26
Nashville ||.	Tar.									T.				.48	.02	.	.	.	.	.	.	.	T.	.	.	.	0.49
Newbern ||.	Neuse.									T.				.23	.	.	.	.	.	.	.	.	T.	.	.	.	0.37
Pinehurst.	Lumberton.									T.				.37	.	.	.	.	.	.	.	.	T.	.	.	.	0.60
Pittsboro.	Cape Fear.									T.				.40	.	.	.	.	.	.	.	.	T.	.	.	.	1.05
Raleigh.	Neuse.									T.				.40	.	.	.	.	.	.	.	.	T.	.	.	.	0.56
Ramsour.	Cape Fear.									T.				.40	.	.	.	.	.	.	.	.	T.	.	.	.	0.87
Randieiman ||.	do.									T.				.49	.	.	.	.	.	.	.	.	T.	.	.	.	1.09
Reidsville ||.	do.									T.				.74	.	.	.	.	.	.	.	.	T.	.	.	.	1.72
Rock House.	Savannah.									T.				.45	.	.	.	.	.	.	.	.	T.	.	.	.	0.83
Rockingham.	Pedee.									T.				.40	T.	.	.	.	.	.	.	.	T.	.	.	.	0.61
Rocky Mount ||.	Tar.									T.				.20	.	.	.	.	.	.	.	.	T.	.	.	.	1.22
Roxboro.	Roanoke.									T																						

TABLE 2.—*Daily precipitation for November, 1910. District No. 2—Continued.*

Stations.	River basins.	Day of month.																													Total		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
<i>South Carolina—Con.</i>																																	
Clemson College	Savannah																																0.33
Columbia	Congaree	.02	.04		.04	.02																										0.59	
Conway	Waccamaw	.32				.45																										2.31	
Darlington	Pedee	.28				.18																										0.76	
Dillon	Little Pedee	.42		T.																											1.25		
Etingham	Lynches																															0.45	
Ferguson	Santee																															0.74	
Florence	Pedee	.23				.14																										0.80	
Georgetown	Ocean	.26				.36																										2.10	
Greenville	Saluda			T.																												0.30	
Greenwood	do																															0.40	
Heath Springs	Wateree	.30																														0.56	
Jacksonboro	Edisto	.10				.37																										2.62	
Kingstree	Black	.21				.55																										1.72	
Liberty	Savannah	T.				T.																										0.60	
Little Mountain	Saluda					T.																										0.79	
Meriwether	Savannah	.01				.10																										1.21	
Newberry	Saluda					T.																										0.59	
Pelzer	do	.26				.10																										0.28	
Pinopolis	Cooper	.30				.41																										1.83	
St. George	Edisto																															2.01	
St. Matthews	Santee																															1.61	
Saluda	Broad																															0.14	
Santuc	Pedee	.17				.32																										1.25	
Smith Mills	do	.35																														0.65	
Society Hill	do																															0.20	
Spartanburg	Broad																															2.17	
Summerville	Ashley																															1.28	
Trenton	Edisto																															2.63	
Trial	Santee																															0.48	
Walterboro	Ashepo																															0.27	
Winnsboro	Broad																															1.98	
Winthrop College	Catawba																																
Yemassee	Combahee																																
<i>Georgia.</i>																																	
Abbeville	Ocmulgee																															3.35	
Adairsville	Coosa	T.				.45																										0.51	
Albany	Flint	.62	.08																													3.56	
Allapaha	do	.49																														3.74	
Americus	Flint	.08				.42																										3.05	
Athens	Oconee					.04																										0.23	
Atlanta	Chattahoochee	T.				.20																										0.57	
Augusta	Savannah	T.	.01			.15																									1.35		
Bainbridge	Flint	.07				.45																										2.88	
Barnesville	do	T.				.40																										1.63	
Blakely	Chattahoochee					T.																										1.31	
Butler	Flint					T.																										1.31	
Camak	Savannah					.23																										1.65	
Canton	Coosa					.08																										0.82	
Carlton	Savannah					.do																										0.19	
Clayton	Chattahoochee					.12																										1.12	
Columbus	Chattahoochee	T.				.26																										1.49	
Covington	Ocmulgee					.25																										0.98	
Cuthbert	Chattahoochee					.55																										3.02	
Dahlonega	do	T.				.08																										0.78	
Diamond	Oconee	.02				T.																										1.22	
Dublin	Oconee					T.																										2.20	
Dudley	do					T.																										1.65	
Eastman	Ocmulgee					.21																										3.57	
Eatonton	Oconee					T.																										1.66	
Elberton	Savannah					T.																										0.24	
Experiment	Chattahoochee					.45																										1.30	
Fort Gaines	do					.57																										2.54	
Gainesville	Oconee					T.																										0.53	
Gillsville	Altamaha					.45																										3.34	
Gore	Coosa					.06																										0.75	
Greensboro	Oconee					.32																											

TABLE 2.—*Daily precipitation for November, 1910. District No. 2—Continued.*

TABLE 2.—*Daily precipitation for November, 1910. District No. 2—Continued.*

TABLE 3.—Maximum and minimum temperatures at selected stations, November, 1910. District No. 2, South Atlantic and east Gulf States.

Date.	Virginia.										North Carolina.										Charleston, S. C.							
	Lynchburg.		Norfolk.		Richmond.		Saxe.		Charlotte.		Edenton.		Fayetteville.		Hatteras.		Newbern.		Raleigh.		Reidsville.		Salisbury.		Wilmington.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			Max.	Min.	Max.	Min.		
1.	64	32	65	43	63	36	67	28	67	30	70	34	64	46	73	29	67	39	68	35	74	31	68	42	66	45		
2.	59	34	70	46	68	45	66	33	68	34	75	38	69	55	72	39	71	42	67	38	73	40	73	45	73	51		
3.	51	39	56	34	52	40	58	33	52	33	63	44	59	46	59	42	53	39	56	39	60	38	52	42	64	46		
4.	53	38	47	35	46	35	57	36	54	34	60	36	51	42	58	33	54	36	56	34	57	32	56	36	57	35		
5.	52	41	54	43	56	34	53	31	54	34	60	35	59	47	65	31	52	36	51	32	57	30	60	37	65	42		
6.	51	35	53	43	54	33	57	29	56	39	54	34	60	44	54	44	55	43	55	38	58	30	59	34	55	45		
7.	57	32	52	34	52	30	61	23	57	33	55	36	60	33	53	42	71	28	56	32	59	30	61	36	68	43		
8.	63	39	63	43	63	36	68	28	69	38	68	36	71	35	65	49	75	33	67	39	69	36	71	36	68	43		
9.	64	39	62	40	62	31	65	24	69	40	63	34	74	35	60	48	69	36	67	38	68	31	68	41	66	48		
10.	63	37	71	47	70	41	67	32	69	44	71	40	75	44	71	56	75	39	72	45	75	40	72	44	72	51		
11.	49	32	54	41	52	35	58	35	55	40	68	38	67	44	64	47	62	47	55	39	58	36	64	43	66	49		
12.	44	32	47	31	47	32	52	28	49	32	50	30	49	29	52	48	39	56	26	47	31	51	27	50	34	54	40	
13.	46	34	48	36	49	31	53	32	56	28	52	30	58	30	52	40	55	26	50	33	54	25	58	32	57	38		
14.	44	32	47	35	46	36	43	25	74	41	48	30	71	29	65	41	64	25	54	33	46	28	60	37	74	48		
15.	44	35	47	35	46	36	49	34	54	35	53	35	71	35	55	43	57	35	49	36	49	34	64	30	67	40		
16.	46	36	47	32	48	30	52	28	52	30	52	30	56	29	52	39	54	26	50	34	52	29	53	32	57	42		
17.	51	32	46	30	49	26	54	19	58	33	48	28	59	26	51	38	57	24	56	30	59	24	57	35	66	48		
18.	55	32	48	37	51	27	68	23	60	41	52	30	62	28	53	43	59	29	58	36	61	33	63	36	60	52		
19.	49	27	47	40	47	30	53	25	48	41	57	32	50	50	46	46	51	37	49	39	58	32	50	36	55	45		
20.	49	25	43	37	47	27	50	25	50	33	48	30	53	38	52	47	68	37	48	33	51	31	50	39	56	43		
Mns.	51.7	33.2	52.7	38.2	52.0	32.8	56.4	28.6	58.2	37.7	57.0	33.5	62.7	36.0	57.7	44.9	62.6	33.3	55.9	36.5	57.1	32.7	60.6	32.3	60.9	40.1		

Date.	South Carolina.										Georgia.										Savannah.					
	Columbia.		Conway.		Georgetown.		Greenville.		Newberry.		Society Hill.		Trial.		Adairsville.		Allatoona.		Atlanta.		Augusta.		Dahlonega.		Macon.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			Max.	Min.	Max.	Min.
1.	69	36	71	33	67	38	65	29	70	33	64	41	.....	.....	69	33	73	35	65	50	63	36	62	34	68	44
2.	73	45	75	33	72	43	75	36	73	36	69	46	.....	.....	66	42	78	42	67	47	73	40	64	32	74	52
3.	52	40	57	50	63	47	62	40	62	45	57	32	.....	.....	50	34	68	47	49	34	59	36	57	32	58	37
4.	56	32	57	35	53	36	78	32	59	29	55	32	.....	.....	64	29	63	34	55	27	58	32	59	35	60	40
5.	59	32	66	30	64	34	66	34	58	29	58	45	.....	.....	54	34	71	35	46	41	61	35	55	33	67	40
6.	58	41	55	46	60	46	70	38	59	40	56	31	.....	.....	51	37	58	40	50	36	59	36	57	40	58	46
7.	59	32	60	31	57	36	78	32	59	28	55	38	.....	.....	60	25	62	32	57	33	59	36	61	34	59	42
8.	71	40	70	35	68	42	75	33	71	39	66	38	.....	.....	67	34	72	34	66	41	70	32	69	35	72	42
9.	73	42	73	37	70	42	74	34	72	35	67	45	.....	.....	35	74	38	68	50	73	40	67	35	72	37	
10.	73	46	74	41	72	49	70	37	73	35	70	46	.....	.....	78	40	64	47	73	47	73	36	66	38	73	51
11.	61	45	63	50	64	51	67	36	64	41	60	31	61	31	72	31	69	48	55	37	62	33	62	44	66	51
12.	53	32	53	30	56	27	59	27	55	28	50	29	50	29	58	31	70	38	48	31	55	33	65	39	57	40
13.	60	30	58	27	56	32	63	23	60	27	55	47	.....	.....	58	31	71	39	58	33	63	31	55	33	66	40
14.	71	45	73	33	73	41	76	36	78	40	72	45	.....	.....	70	39	72	33	70	48	78	46	78	47	75	51
15.	58	43	59	47	71	47	56	35	59	37	56	47	.....	.....	51	35	70	57	50	36	66	44	74	53	92	50
16.	55	34	56	30	63	35	59	30	57	29	52	30	.....	.....	57	33	65	40	52	34	59	37	61	36	67	40
17.	66	34	63	30	61	37	60	31	65	30	58	45	.....	.....	53	33	69	51	55	36	66	37	61	30	68	47
18.	64	50	57	43	61	50	64	32	64	44	58	45	.....	.....	57	33	55	51	55	42	58	49	62	39	51	61
19.	51	42	48	44	63	43	48	42	55	43	50	40	.....	.....	52	40	54	47	49	42	50	45	48	42	54	43
20.	53	40	56	41	55	41	56	36	54	35	52	32	.....	.....	57	27	63	42	57	33	57	40	56	28	58	40
21.	62	33	58	34	62	41	60	27	59	32	59	33	.....	.....	61	30	69	42	61	41	62	35	58	29	63	44
22.	66	40	65	40	66	45	67	27	67	34	63	35	.....	.....	67	37	69	40	64	44	67	37	62	35	68	46
23.	62	39	63	34	67	39	64	31	61	36	58	35	.....	.....	70	35	78	42	69	51	65	38	7			

TABLE 3.—*Maximum and minimum temperatures at selected stations, November, 1910.* District No. 2—Continued.

Alabama.

Mississippi

Date.	Anniston.		Bermuda.		Birmingham.		Eufaula, §§.		Mobile.		Montgomery.		Tuscaloosa §§		Uniontown.		Columbus, §§		Hattiesburg, §§		Jackson.		Meridian.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.	68	36	73	59	69	46	65	28	71	44	70	38	68	33	72	36	74	30	72	30	78	35	71	36
2.	66	46	73	59	63	43	70	32	75	50	69	46	63	35	68	43	64	35	76	32	61	46	65	47
3.	51	39	59	39	52	34	58	40	66	47	57	39	54	35	59	36	55	34	65	43	60	38	55	35
4.	57	26	64	30	60	28	59	29	64	40	61	34	58	29	62	31	61	26	66	32	69	32	62	31
5.	46	42	61	41	50	43	60	39	71	52	55	44	50	29	57	45	50	28	58	42	60	46	57	43
6.	52	29	59	44	50	35	56	40	57	43	56	41	52	37	54	40	53	34	60	34	55	37	52	34
7.	61	37	63	31	61	32	57	31	64	40	62	36	54	30	66	33	67	27	68	40	71	29	63	31
8.	68	35	69	33	69	44	66	32	66	44	68	37	68	32	70	37	74	28	85	74	33	69	39	71
9.	70	37	72	35	70	46	65	34	71	49	69	40	68	35	68	38	70	34	78	35	71	38	70	50
10.	62	40	77	43	61	46	73	35	77	53	73	44	64	38	73	46	70	37	80	37	74	54	70	50
11.	59	33	67	42	60	39	64	40	71	52	66	43	62	35	68	40	64	33	60	36	70	36	64	37
12.	53	32	60	44	56	50	60	34	72	48	63	40	58	32	67	38	62	31	61	34	75	34	65	36
13.	64	28	63	38	67	53	73	33	72	48	68	38	64	34	72	36	71	33	81	43	74	39	76	36
14.	73	48	71	49	76	40	78	61	76	55	75	40	78	57	76	56	78	43	82	59	76	56	75	45
15.	54	36	54	36	65	52	67	55	62	44	55	39	70	45	56	37	68	50	56	37	68	50	56	45
16.	50	34	48	37	59	37	65	52	54	41	50	38	53	44	50	37	51	40	54	42	48	42	51	42
17.	53	32	51	40	61	40	60	51	55	46	55	39	52	45	54	44	54	44	49	45	51	43	51	43
18.	54	43	53	43	53	46	57	50	55	46	55	40	55	45	54	45	55	44	59	45	51	43	51	43
19.	51	41	47	52	42	52	43	53	48	53	43	54	43	50	44	59	43	65	29	69	33	56	40	56
20.	61	34	66	43	62	36	60	40	62	49	64	44	60	34	63	45	65	29	65	33	70	33	66	37
21.	64	36	70	40	65	40	63	36	66	46	67	43	65	38	58	41	70	30	70	30	72	36	66	37
22.	68	39	74	38	69	47	69	38	73	52	71	46	65	35	74	49	76	36	38	78	41	72	47	75
23.	71	41	75	41	71	50	70	40	69	57	73	46	77	38	75	46	73	37	80	50	75	50	76	56
24.	76	56	80	47	75	57	74	43	73	60	77	57	70	45	73	52	76	51	78	77	53	70	56	56
25.	70	40	76	52	72	50	75	50	78	62	78	57	75	53	74	61	74	54	80	54	77	62	72	56
26.	70	38	73	50	73	47	73	41	69	61	76	47	75	46	69	50	76	47	80	55	78	56	77	55
27.	72	57	74	56	70	60	62	56	75	64	74	58	74	49	78	59	74	52	80	63	81	62	77	58
28.	61	35	70	47	60	35	62	56	71	47	61	41	54	48	72	47	52	45	63	46	62	44	62	38
29.	49	30	58	32	50	31	52	32	60	40	55	34	53	31	67	32	53	29	62	31	61	29	55	32
30.	41	29	49	30	42	29	46	31	52	39	46	34	44	31	48	32	45	28	63	31	50	32	46	32
Means.....	60.5	37.0	68.0 ¹	41.0 ¹	60.7	41.3	63.4	38.6	67.4	50.1	64.4	43.4	61.3	37.4	65.5	43.1	64.1	36.4	70.1 ^a	40.4 ^a	68.3	42.8	63.0	42.3